

CRF Errors Corrected by the STIC Systems Branch

P45/09
CRF Processing Date: 2/3/2002
Edited by: ME
Verified by: ME (STIC sta:)

Serial Number: 09/763,928A

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**



RAW SEQUENCE LISTING

DATE: 07/03/2002

PATENT APPLICATION: US/09/763,978A

TIME: 22:40:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\07032002\I763978A.raw

6

3 <110> APPLICANT: Salceda, Susana
 4 Sun, Yongming
 5 Recipon, Herve
 6 Cafferkey, Robert
 8 <120> TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING
 9 AND TREATING VARIOUS CANCERS
 11 <130> FILE REFERENCE: DEX-0172
 13 <140> CURRENT APPLICATION NUMBER: 09/763,978A
 C--> 14 <141> CURRENT FILING DATE: 2002-04-30
 16 <150> PRIOR APPLICATION NUMBER: PCT/US99/19655
 17 <151> PRIOR FILING DATE: 1999-09-01
 19 <150> PRIOR APPLICATION NUMBER: 60/098,880
 20 <151> PRIOR FILING DATE: 1998-09-02
 22 <160> NUMBER OF SEQ ID NOS: 15
 24 <170> SOFTWARE: PatentIn version 3.1
 26 <210> SEQ ID NO: 1
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 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapien
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 36 tggagcaatt gcaactcatca ttggctttgg tatttcaggg agacactcca tcacagtcac 180
 38 tactgtcgcc tcagctggga acattgggga ggatggaatc ctgagctgca cttttgaacc 240
 40 tgacatcaaaa ctttctgata tcgtgataca atggctgaag gaagggtgtt taggcttggt 300
 42 ccatgagttc aaagaaggca aagatgagct gtcggagcag gatgaaatgt tcagaggccg 360
 44 gacagcagtg tttgctgata aagtgatagt tggcaatgcc tctttgcggc tgaaaaacgt 420
 46 gcaactcaca gatgctggca cctacaaatg ttatatcatc acttctaaag gcaaggggaa 480
 48 tgctaacctt gagtataaaa ctggagcctt cagcatgccg gaagtgaatg tggactataa 540
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 56 caacacatac tcctgtatga ttgaaaatga cattgccaaa gcaacagggg atatcaaagt 780
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 60 gtgtgtctct tctttctttg ccatcagctg ggcacttctg cctctcagcc cttacctgat 900
 62 gctaaaaataa tgtgccttgg ccacaaaaaa gcatgcaaag tcattgttac aacagggatc 960
 64 tacagaacta tttcaccacc agatatgacc tagttttata tttctgggag gaaatgaatt 1020
 66 catatctaga agtctggagt gagcaaacaa gagcaagaaa caaaaagaag ccaaaagcag 1080
 68 aaggctccaa tatgaacaag ataaatctat cttcaaagac atattagaag ttgggaaaat 1140
 70 aattcatgtg aactagacaa gtgtgttaag agtgataagt aaaatgcacg tggagacaag 1200
 72 tgcaccccca gatctcaggg acctccccct gcctgtcacc tggggagtga gaggacagga 1260
 74 tagtgcatgt tctttgtctc tgaattttta gttatatgtg ctgtaatgtt gctctgagga 1320
 76 agcccctgga aagtctatcc caacatatcc acatcttata ttccacaaat taagctgtag 1380

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82 cccaactgac aaatgccaaa gttgagaaaa atgatcataa ttttagcata aacagagcag 1560
84 tcggcgacac cgattttata aataaactga gcaccttctt tttaaacaaa caaatgcggg 1620
86 tttattttctc agatgatgtt catccgtgaa tgggtccaggg aaggaccttt caccttgact 1680
88 atatggcatt atgtcatcac aagctctgag gcttctcctt tccatcctgc gtggacagct 1740
90 aagacctcag ttttcaatag catctagagc agtgggactc agctgggggtg atttcgcccc 1800
92 ccatctccgg gggaaatgtct gaagacaatt ttggttacct caatgaggga gtggaggagg 1860
94 atacagtgtc actaccaact agtggataaa ggccagggat gctgctcaac ctccctacct 1920
96 gtacaggacg tctccccatt acaactaccc aatccgaagt gtcaactgtg tcaggactaa 1980
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102 agagccagaa ctctatcggg caccaggata acatctctca gtgaacagag ttgacaaggc 2160
104 ctatgggaaa tgctgatgg gattatcttc agcttggtga gcttctaagt ttctttccct 2220
106 tcattctacc ctgcaagcca agttctgtaa gagaaatgcc tgagttctag ctacaggtttt 2280
108 cttactctga atttagatct ccagaccttt cctggccaca attcaaatta aggcaacaaa 2340
110 catatacctt ccatgaagca cacacagact tttgaaagca aggacaatga ctgcttgaat 2400
112 tgaggccttg aggaatgaag ctttgaagga aaagaatact ttgtttccag ccccttccc 2460
114 acactcttca tgtgttaacc actgccttcc tggaccttgg agccacggtg actgtattac 2520
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131 agccaggacc tgtgtgggga ggccctcctg ctgccttggg gtgacaatct cagctccagg 180
133 ctacagggag accgggagga tcacagagcc agcatgttac aggatcctga cagtgatcaa 240
135 cctctgaaca gcctcgatgt caaacccctg cgcaaaccct gtatcccat ggagaccttc 300
137 agaaagggtg ggatcccat catcatagca ctactgagcc tggcgagtat catcattgtg 360
139 gttgtcctca tcaaggatgat tctggataaa tactacttcc tctgcgggca gcctctccac 420
141 ttcatcccga ggaagcagct gtgtgacgga gagctggact gtcccttggg ggaggacgag 480
143 gagcactgtg tcaagagctt ccccgagggg cctgcagtgg cagtccgcct ctccaaggac 540
145 cgatccacac tgcagggtgt ggactcggcc acagggaact ggttctctgc ctgtttcgac 600
147 aacttcacag aagctctcgc tgagacagcc tgtaggcaga tgggctacag cagcaaacc 660
149 actttcagag ctgtggagat tggcccagac caggatctgg atgttggtga aatcacagaa 720
151 aacagccagg agcttcgcat gcggaactca agtgggccct gtctctcagg ctccctggtc 780
153 tccctgcaact gtcttgctgt tgggaagagc ctgaagaccc cccgtgtggt ggggtggggag 840
155 gaggcctctg tggattcttg gccttggcag gtcagcatcc agtacgacaa acagcacgtc 900
157 tgtggaggga gcatcctgga cccccactgg gtccctcagg gcagcccact gcttcaggaa 960
159 acataccgat gtgttcaact ggaaggtgag ggcaggctca gacaaactgg gcagcttccc 1020
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163 tgacatcgcc ctcatgaagc tgcagttccc actcacttct tcaggcacag tcaggcccat 1140
165 ctgtctgccc ttctttgatg aggagctcac tccagccacc cactctgga tcattggatg 1200
167 gggctttacg aagcagaatg gagggaagat gtctgacata ctgctgcagg cgtcagttca 1260
169 ggtcattgac agcacacggt gcaatgcaga cgatgcgtac cagggggaag tcaccgagaa 1320
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175 ctgcgggggc ccgagcacc caggagtata caccaaggctc tcagcctatc tcaactggat 1500
177 ctacaatgtc tggaaggctg agctgtaatg ctgctgcccc tttgcagtgc tgggagccgc 1560
179 ttccttctctg ccctgcccac ctggggatcc cccaaagtca gacacagagc aagagtcccc 1620
181 ttgggtacac ccctctgccc acagcctcag catttcttgg agcagcaaag ggctcaatt 1680
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187 gtattgctaa gccagaagg aactttccca cactactgaa tggaagcagg ctgtcttgta 1860
189 aaagcccaga tctactgtgg ctggagagga gaaggaaagg gtctgcgcca gccctgtccg 1920
191 tcttcaccca tcccgaagcc tactagagca agaaaccagt tgtaataata aatgcactgc 1980
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208 tgtttgtgca ttgggaatga cattctttcc cccccagga aaacctttgg gactttcaga 180
210 gacattgtgg ctagccaacc acatggtcag cctcaaagtt gagaggctca gtaacctcc 240
212 tatccctaga gaattccaaa gtgtggatgt aatttaacta gaaagccatt ggtgactatc 300
214 tgtgatcctc tggaagtatg ctatgtttgt tatactttgc atccaaagcc agagggaacc 360
216 acaatgacta gtaaaacggt ggtctcaatg cccacttagc ctctgcctct gaatttgacc 420
218 atagtggcgt tcagctgata gagcggaag aagaaatatg cattttttat gaaaaataa 480
220 atatccaaga gaagatgaaa ctaaaggag aaattgaaat acatctactg gaagaaaaga 540
222 tccaattcct gaaaatgaag attgctgaga agcaaagaca aatttgtgtg acccagaat 600
224 tactgcccag caagaggctc ctggatggcg acctagctgt gctccaaatt cagttttcac 660
226 agtgtacaga cagaattaaa gacctggaga aacagttcgt aaagcctgat ggtgagaata 720
228 gagctcgctt ccttccaggg aaagatctga ccgaaaaaga aatgatccaa aaattagaca 780
230 agctggaact acaactggcc aagaaggagg agaagctgct ggagaaggat ttcatctatg 840
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252 aaaatgtgag cataatactt ctaataattat tgataagtaa ggtaaccaca attagtcagc 1500
254 aacagagtac aacagggttt ctattttacc accaactact atacctttca tgacgttgaa 1560
256 tgggacatag aactgtccta catttatgtc aaagtatata tttgaatcgc ttatattttc 1620
258 tttttcactc tttatattga gtacattcca gaaatttgta gtaggcaagg tgctataaaa 1680
260 atgcactaaa aataaatctg ttctcaatg 1709
263 <210> SEQ ID NO: 4
264 <211> LENGTH: 257
265 <212> TYPE: DNA

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RAW SEQUENCE LISTING

DATE: 07/03/2002

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TIME: 22:40:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\07032002\I763978A.raw

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273 atatcttcta tatttaatat gaaagtcttg aaatgtatca gacagaaggg gatttcagtt      180
275 tgcaataaat gagcaatgta gcaattttta cacatttcat aaatatatat tttgtcattg      240
277 gtggagagca ccatattg                                     257
280 <210> SEQ ID NO: 5
281 <211> LENGTH: 359
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283 <213> ORGANISM: Homo sapien
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290 ccatcgttat cagtgtcccc tggagggaca gtcacactca cttgtggctt ggctctgac      180
292 tcagtctcta ctaatttctt cccacctgg taccagcaga cccaggcca ggctccacgc      240
294 acgtcatct acagcacaag cactcgctct tctggggctc ctgatcgttt ctctggctcc      300
296 atccttggga acaaagctgc cctcaccatt acggggggccc aggcagatga tgaatctga      359
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302 <213> ORGANISM: Homo sapien
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305 <221> NAME/KEY: misc_feature
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307 <223> OTHER INFORMATION: n = a, c, g or t
310 <220> FEATURE:
311 <221> NAME/KEY: misc_feature
312 <222> LOCATION: (9)..(9)
313 <223> OTHER INFORMATION: n = a, c, g or t
316 <400> SEQUENCE: 6
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319 ccttgggcgc cctctgctgg ccctcctgaa gctaacaggg gcgagtgtc ggtggtttac      120
321 aaattgcctc catgcagact atgaaactgt tcagcctgct atagttagat ctctggcact      180
323 ggcccaggag gtcttgca tttgcagatc aaggagaacc caggagtttc aaagaagcgg      240
325 ctagttaaagg tctctgagat ccttgcacta gctacatcct cagggttagga ggaagatggc      300
327 ttccagaagc atgcggctgc tcctattgct gagctgcctg gccaaaacag gagtcctggg      360
329 tgatatcatc atgagaccca gctgtgctcc tgggatgggt ttaccacaag tccaattgct      420
331 atggttactt caggaagctg aggaactggg ctgatgccga gctcgagtgt cagtcttacg      480
333 gaaacggagc ccacctggca tctatcctga gtttaaagga agccagcacc atagcagagt      540
335 acataagtgg ctatcagaga agccagccga tatggattgg cctgcacgac ccacagaaga      600
337 ggcagcagtg gcagtggatt gatggggcca tgtatctgta cagatcctgg tctggcaagt      660
339 ccatgggttg gaacaagcac tgtgtgaga tgagctcaa taacaacttt ttaacttgga      720
341 gcagcaacga atgcaacaag cgccaacact tcctgtgcaa gtaccgacca tagagcaaga      780
343 atcaagattc tgctaactcc tgcacagccc cgtcctcttc ctttctgcta gcctggctaa      840
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347 actggctttt ttaggcttag agacagaaac tttagcattg gccagtagt ggcttctagc      960
349 tctaaatggt tgccccgcca tccctttcca cagtatcctt cttccctcct cccctgtctc      1020
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357 aactcctgct tgtttttcct ttggccatgg gaaggtttac cagtagaatc cttgctaggt 1260
359 tgatgtgggc catacattcc ttttaataaac catttgttac ataagagggt gctgtgttcc 1320
361 agttcagtaa atggtgaatg tggaaaagtg aaataagacc aagaaataca aa 1372
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365 <211> LENGTH: 291
366 <212> TYPE: DNA
367 <213> ORGANISM: Homo sapien
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370 <221> NAME/KEY: misc_feature
371 <222> LOCATION: (277)..(277)
372 <223> OTHER INFORMATION: n= a, c, g, or t
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378 ccactggact tagagatgga ttgaatgtgg aagattaagg aaagggagaa atgaaagata 120
380 gtcttaggtt tcatcttcag atgactgggt gaacagcagt gttctttgct aagatgggga 180
382 agactaggga aaagagccag ttctgtattg agcatattat atttaagaca atcccatctg 240
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388 <211> LENGTH: 1275
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390 <213> ORGANISM: Homo sapien
392 <220> FEATURE:
393 <221> NAME/KEY: misc_feature
394 <222> LOCATION: (410)..(410)
395 <223> OTHER INFORMATION: n= a, c, g, or t
398 <220> FEATURE:
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400 <222> LOCATION: (728)..(756)
401 <223> OTHER INFORMATION: n= a, c, g, or t
404 <220> FEATURE:
405 <221> NAME/KEY: misc_feature
406 <222> LOCATION: (957)..(957)
407 <223> OTHER INFORMATION: n= a, c, g, or t
410 <400> SEQUENCE: 8
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415 tatagaaccg ttttgtgtag cattggaata ttgtccattt tgtaagtcac tgtgaatgtt 180
417 ctttaattatc agcttgaagg tattttttgta ttaaaagtgt acattgaaga acctaaagtg 240
419 atgatgggat ttggggccag tagtgaaaagt atgtttcctc taaaatatatt ccctaaacag 300
421 tgggtatacat ggttatttta ttatgagatt tgtatatgtt ctgtgtttct ctgtgaacaa 360
W--> 423 tgtttcagtc tctctgtcac catatgtaag gggaagtcca caaatatagn actacattgc 420
425 acaaaactaa aattgttaat tacaagaaaa tataggtgct taccttttga aggtttatta 480
427 atacatatgg ttgtcacaaat acgtatatat gataaatggt gtacatatac agatgtttat 540
429 ggtgtataaa tttttctata cccaattaga attatcttcc tgattcttta ttcaataaca 600
431 tgctaattcc tcttctatgt tctatagtga cagaatgcta actttttctta taccctggca 660
433 gaggacagag gagtctgggtc taggatgggg aactgaattt ttgaacgaaa aggaaagaga 720
W--> 435 aaggatgnnn nnnnnnnnnn nnnnnnnnnn nnnnnntaat gtttcttagt cattttgatt 780

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/03/2002
PATENT APPLICATION: US/09/763,978A TIME: 22:40:22

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\07032002\I763978A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 6,9
Seq#:7; N Pos. 277
Seq#:8; N Pos. 410,728,729,730,731,732,733,734,735,736,737,738,739,740,741
Seq#:8; N Pos. 742,743,744,745,746,747,748,749,750,751,752,753,754,755,756
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Seq#:12; N Pos. 30,248,383



PCT09

RAW SEQUENCE LISTING

DATE: 06/12/2002

PATENT APPLICATION: US/09/763,978A

TIME: 14:40:15

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF3\06122002\I763978A.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Salceda, Susana
 4 Sun, Yongming
 5 Recipon, Herve
 6 Cafferkey, Robert
 8 <120> TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING
 9 AND TREATING VARIOUS CANCERS
 11 <130> FILE REFERENCE: DEX-0172
 13 <140> CURRENT APPLICATION NUMBER: 09/763,978A
 C--> 14 <141> CURRENT FILING DATE: 2002-04-30
 16 <150> PRIOR APPLICATION NUMBER: PCT/US99/19655
 17 <151> PRIOR FILING DATE: 1999-09-01
 19 <150> PRIOR APPLICATION NUMBER: 60/098,880
 20 <151> PRIOR FILING DATE: 1998-09-02
 22 <160> NUMBER OF SEQ ID NOS: 15
 24 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

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 691 <211> LENGTH: 492
 692 <212> TYPE: PRT
 693 <213> ORGANISM: Homo sapien
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 698 1 5 10 15
 701 Asn His Gly Tyr Gln Pro Glu Asn Pro Tyr Pro Ala Gln Pro Thr Val
 702 20 25 30
 705 Val Pro Thr Val Tyr Glu Val His Pro Ala Gln Tyr Tyr Pro Ser Pro
 706 35 40 45
 709 Val Pro Gln Tyr Ala Pro Arg Val Leu Thr Gln Ala Ser Asn Pro Val
 710 50 55 60
 713 Val Cys Thr Gln Pro Lys Ser Pro Ser Gly Thr Val Cys Thr Ser Lys
 714 65 70 75 80
 717 Thr Lys Lys Ala Leu Cys Ile Thr Leu Thr Leu Gly Thr Phe Leu Val
 718 85 90 95
 721 Gly Ala Ala Leu Ala Ala Gly Leu Leu Trp Lys Phe Met Gly Ser Lys
 722 100 105 110
 725 Cys Ser Asn Ser Gly Ile Glu Cys Asp Ser Ser Gly Thr Cys Ile Asn
 726 115 120 125
 729 Pro Ser Asn Trp Cys Asp Gly Val Ser His Cys Pro Gly Gly Glu Asp
 730 130 135 140
 733 Glu Asn Arg Cys Val Arg Leu Tyr Gly Pro Asn Phe Ile Leu Gln Met

RAW SEQUENCE LISTING

DATE: 06/12/2002

PATENT APPLICATION: US/09/763,978A

TIME: 14:40:15

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Output Set: N:\CRF3\06122002\I763978A.raw

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741 Asn Glu Asn Tyr Gly Arg Ala Ala Cys Arg Asp Met Gly Tyr Lys Asn
742          180          185          190
745 Asn Phe Tyr Ser Ser Gln Gly Ile Val Asp Asp Ser Gly Ser Thr Ser
746          195          200          205
749 Phe Met Lys Leu Asn Thr Ser Ala Gly Asn Val Asp Ile Tyr Lys Lys
750          210          215          220
753 Leu Tyr His Ser Asp Ala Cys Ser Ser Lys Ala Val Val Ser Leu Arg
754 225          230          235          240
757 Cys Leu Ala Cys Gly Val Asn Leu Asn Ser Ser Arg Gln Ser Arg Ile
758          245          250          255
761 Val Gly Gly Glu Ser Ala Leu Pro Gly Ala Trp Pro Trp Gln Val Ser
762          260          265          270
765 Leu His Val Gln Asn Val His Val Cys Gly Gly Ser Ile Ile Thr Pro
766          275          280          285
769 Glu Trp Ile Val Thr Ala Ala His Cys Val Glu Lys Pro Leu Asn Asn
770          290          295          300
773 Pro Trp His Trp Thr Ala Phe Ala Gly Ile Leu Arg Gln Ser Phe Met
774 305          310          315          320
777 Phe Tyr Gly Ala Gly Tyr Gln Val Gln Lys Val Ile Ser His Pro Asn
778          325          330          335
781 Tyr Asp Ser Lys Thr Lys Asn Asn Asp Ile Ala Leu Met Lys Leu Gln
782          340          345          350
785 Lys Pro Leu Thr Phe Asn Asp Leu Val Lys Pro Val Cys Leu Pro Asn
786          355          360          365
789 Pro Gly Met Met Leu Gln Pro Glu Gln Leu Cys Trp Ile Ser Gly Trp
790          370          375          380
793 Gly Ala Thr Glu Glu Lys Gly Lys Thr Ser Glu Val Leu Asn Ala Ala
794 385          390          395          400
797 Lys Val Leu Leu Ile Glu Thr Gln Arg Cys Asn Ser Arg Tyr Val Tyr
798          405          410          415
801 Asp Asn Leu Ile Thr Pro Ala Met Ile Cys Ala Gly Phe Leu Gln Gly
802          420          425          430
805 Asn Val Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Val Thr Ser
806          435          440          445
809 Asn Asn Asn Ile Trp Trp Leu Ile Gly Asp Thr Ser Trp Gly Ser Gly
810          450          455          460
813 Cys Ala Lys Ala Tyr Arg Pro Gly Val Tyr Gly Asn Val Met Val Phe
814 465          470          475          480
817 Thr Asp Trp Ile Tyr Arg Gln Met Lys Ala Asn Gly
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VERIFICATION SUMMARY

DATE: 06/12/2002

PATENT APPLICATION: US/09/763,978A

TIME: 14:40:16

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Output Set: N:\CRF3\06122002\I763978A.raw

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L:635 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
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